

## PATENT ABSTRACTS OF JAPAN

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(21)Application number : 04-336934 (71)Applicant : HITACHI METALS LTD

(22)Date of filing : 17.12.1992 (72)Inventor : YAMAMOTO MIKIO

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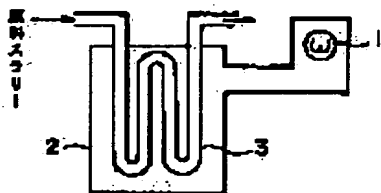
### (54) METHOD AND APPARATUS FOR PRODUCING ARTICLE FROM SLURRY

#### (57)Abstract:

PURPOSE: To prevent the closure of a pipe due to a slurry and to shorten a molding cycle to a large extent by using the slurry heated using a microwave.

CONSTITUTION: A heating device is constituted of a microwave generating magnetron 1, the power supply thereof, a box 2 preventing the leakage of a microwave to the outside and a pipe 3 pervious to a microwave and also becoming a container of a slurry during heating. The slurry is supplied into the molding cavity formed by a mold side wall and a pair of relatively movable upper and lower molds. The volume of the molding cavity is

reduced by allowing a pair of the upper and lower molds to approach each other to



dehydrate the slurry to obtain a molded object. In this case, the slurry heated by a microwave is used. By this constitution, a heating time is shortened and the molding cycle can be shortened to a large extent.

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